

Response and Amendment under 37 CFR § 1.111

Application No. 09/974,542

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with traverse. Claims 17-20 are drawn to methods of treating tissue with an electromagnetic field.

After entry of the present amendment, claims 1-22 are pending in the present application. Claims 1, 6, and 17 were amended for clarity and to more clearly define the presently claimed invention. No new matter was added. Applicant respectfully requests entry of the present Amendment.

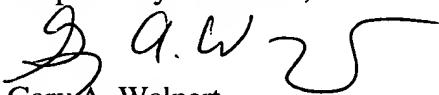
INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), Applicants bring to the attention of the Examiner the following documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed before the mailing date of an Office Action on the merits and is therefore submitted as both timely and proper. Copies of the listed references are submitted herewith, except for the Ruggera et al., 1984. It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO Form 1449 with the next Patent Office communication.

CONCLUSION

Applicant respectfully requests an early and favorable reconsideration and allowance of this application as amended herein.

Respectfully submitted,


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Appendix A – Clean Version of Newly Amended Claims

1. (Amended) A method for treating living tissue with electromagnetic fields,

Q1 comprising providing living tissue to be treated, providing means for applying electromagnetic fields to the tissue, subjecting said tissue to a varying dB/dt .

6. (Amended) A method for treating living tissue with electromagnetic fields,

Q2 comprising providing living tissue to be treated, providing means for applying electromagnetic fields to the tissue, subjecting said tissue to a varying B .

17. (Amended) The method according to claim 1, wherein said living tissue is nerve

Q3 tissue, said method further comprises providing a sawtooth B field, and applying said sawtooth field to said nerve tissue.

Appendix B – Marked-Up Version of Amended Claims

1. (Amended) A method for [determining a beneficial or harmful treatment of] treating living tissue[s] with electromagnetic fields, comprising providing living tissue to be treated, providing means for applying electromagnetic fields to the tissue, subjecting said tissue to a varying dB/dt[, wherein dB/dt is varied by varying B, while keeping t constant].

6. (Amended) A method for [determining a beneficial or harmful treatment of] treating living tissue[s] with electromagnetic fields, comprising providing living tissue to be treated, providing means for applying electromagnetic fields to the tissue, subjecting said tissue to a varying B[, and determining the effect on the tissue of a given B].

17. (Amended) [A] The method [for promoting nerve regeneration,] according to claim 1, wherein said living tissue is nerve tissue, said method further comprises[ing] providing a sawtooth B field, and applying said sawtooth B field to said nerve tissue [to be regenerated].